Release notes for ENDF/B Development g-007_N_015 evaluation

December 2, 2016

- `checkr` Warnings:

  1. A previous error halted parsing of the current section
     MAT= 728, MF= 1, MT=451 (1): Parsing stopped

     ```
     ERROR(S) FOUND IN MAT= 728, MF= 1, MT=451
         SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      32 TO      35
     ```

- `checkr` Errors:

  1. A variable is outside the allowed ENDF range
     MAT= 728, MF= 1, MT=451 (0): Variable range

     ```
     ERROR(S) FOUND IN MAT= 728, MF= 1, MT=451
         MOD =    1 OUT OF RANGE     0 -    0          RECORD NUMBER     32
     ```

  2. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT= 728, MF= 3, MT= 5 (0): Directory (b)

     ```
     ERROR(S) FOUND IN MAT= 728, MF= 3, MT=  5
         SECTION  3/  5 NOT IN DIRECTORY              RECORD NUMBER     37
     ```

  3. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT= 728, MF= 6, MT= 5 (0): Directory (b)

     ```
     ERROR(S) FOUND IN MAT= 728, MF= 6, MT=  5
         SECTION  6/  5 NOT IN DIRECTORY              RECORD NUMBER     70
     ```

- `fudge-4.0` Errors:

  1. Calculated and tabulated thresholds don't agree
     reaction label 0: sumOfRemainingOutputChannels / Cross section: (Error # 0): Threshold mismatch

     ```
     WARNING: Calculated and tabulated thresholds disagree: 1.e-5 eV vs 1.02074e7 eV!
     ```

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